AI USE-CASES

2024 (Q4)

DATAMANGO

INDUSTRY	GENERATIVE AI/ LLM	NLP	COMPUTER VISION	PREDICTIVE ANALYTICS
MARKETING & SALES	Market research	Customer segmentation	Plagiarism detection	Historical data analysis
	Lead generation	Audience analysis	Smooth user experience with visual search	Personalized content recommendation
	Conversational marketing	Customer sentiment analysis		Predictive sales analytics
	Content generation			
	Summarization			
HEALTHCARE	Appointment scheduling automation	Data extraction for intelligent diagnosis	Disease prediction/ identification	Hospital personnel load prediction
	Healthcare chatbots and virtual assistants	Analytics for prescriptions, doctor's data	Pose estimation - Physical therapy and fitness	EHR patient data analytics
	Report generation	Treatment outcome prediction	Personnel authentication with face recognition	Inventory optimization
	Treatment recommendation		Action recognition and fall detection for patient care	Claims management
	Research purposes			

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SPORT & WELLNESS	Market research	Fan/ customer segmentation	Object tracking	Historical data analysis
	Virtual coaches	Audience analysis	Injury-free workouts with personalized real-time feedback	Sports performance analysis
	Nutrition and workout planning	Analysis of sports fan feedback in social media	Physical activity optimization	Ticket/ merchandise sales forecasting
	Mental health support with chatbots		Advanced analysis and tracking of training movements for players	
E-COMMERCE	Personalized shopping experience	Customer sentiment analysis	Visual search of products	Customer behavior analysis
	Customer support chatbots	Customer segmentation	Seamless shopping experience	Demand and price forecasting
	Creative recommendations and notifications		Image similarity search for higher conversion rate	Competitor products analytics
			Inventory shrinkage reduction	Customer churn prediction
				Management

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RETAIL	Personalized marketing	Customer reviews collection and analysis	Object tracking	Historical data analysis
	Customer service and support	Quality issues detection	Injury-free workouts with personalized real-time feedback	Sports performance analysis
	Customer data analysis	Product sentiment analytics	Physical activity optimization	Ticket/ merchandise sales forecasting
			Advanced analysis and tracking of training movements for players	
LOGISTICS	Chatbots and automated responses	Foreign language data cleansing	Cargo damage detection	Supply planning
	Route planning and scheduling	Building data robustness	Visual inspection	Demand and price forecasting
	Enhanced support for supply chain management		Warehouse analysis	Route and inventory optimization
				Freight rates prediction
				Predictive maintenance

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GAME & ENTERTAINMENT	Automated testing Content and character design creation Personalized gaming experience	Customer reviews collection and analysis Automated analysis of player reviews	Object tracking Emotion recognition for personalization Players movements analysis for sport/ dance related games	Player churn prediction
AGRICULTURE	Virtual farm advisor and support Crop diagnosis and recommendations Pest identification and disease management	Customer sentiment analysis Customer segmentation	Crop field security and monitoring Intelligent spraying & irrigation Crop and soil health monitoring with object detection Inventory shrinkage reduction	Crop yield prediction Demand and price forecasting Inventory optimization Monitoring livestock's health and management

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MANUFACTURING	Automated Q&A sessions based on internal knowledge base Policy recommendations	SOP documents search automation Warranty sentiment analytics	Visual defect detection Collision prevention Analog gauge/ label/ OCR data reading	Predictive maintenance Fraud detection in warranty claims
FINTECH	Virtual assistant for customer support Financial product recommendations Automated Q&A sessions based on internal knowledge base	Customer sentiment analysis Customer segmentation	Unauthorized access detection and crime prevention Security management Facial recognition and emotion prediction	Fraud prevention Anomalous transactions detection Credit scoring Customer data analytics for clients retention

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INSURANCE	Customer support in filing insurance claims	Customer sentiment analysis	Insurance property cost evaluation	Fraud claims detection
	Insurance Education			Insurance claims value prediction
				High loss claims prediction

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